

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Not for submission under 37 CFR 1.99)

Application Number		10590492
Filing Date		2006-06-24
First Named Inventor	Takahide KOHRO	
Art Unit	1614	
Examiner Name	Not yet assigned	
Attorney Docket Number	032217A	

U.S. PATENTS[Remove](#)

Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	3983140		1976-09-28	Endo et al.	
	2	4231938		1980-11-04	Monaghan et al.	
	3	4346227		1982-08-24	Terahara et al.	
	4	4444784		1984-04-24	Hoffman et al.	
	5	5177080		1993-01-05	Angerbauer et al.	
	6	5260440		1993-11-09	Hirai et al.	
	7	5273995		1993-12-28	Bruce D. Roth	
	8	5354772		1994-10-11	Faizulla G. Kathawala	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10590492
Filing Date	2006-08-24
First Named Inventor	Takahide KOHRO
Art Unit	1614
Examiner Name	Not yet assigned
Attorney Docket Number	032217A

9	5856336		1999-01-05	Fujikawa et al.	
---	---------	--	------------	-----------------	--

If you wish to add additional U.S. Patent citation information please click the Add button.

Add

U.S. PATENT APPLICATION PUBLICATIONS

Remove

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Published Application citation information please click the Add button.

Add

FOREIGN PATENT DOCUMENTS

Remove

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1							<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button.

Add

NON-PATENT LITERATURE DOCUMENTS

Remove

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1	David Gregg et al., "Rac regulates cardiovascular superoxide through diverse molecular interactions: more than a binary GTP switch", Am J Physiol Cell Physiol, vol.285 (2003) p. C723-34	<input checked="" type="checkbox"/>
	2	Ermond van Beek et al., "Farnesyl Pyrophosphate Synthase Is the Molecular Target of Nitrogen-Containing Bisphosphonates", Biochemical and Biophysical Research Communications, vol.264 (1999) p.108-11	<input checked="" type="checkbox"/>
	3	Louis H. Cohen et al., "Inhibitors of Prenylation of Ras and Other G-proteins and Their Application as Therapeutics", Biochemical Pharmacology, vol.60 (2000) p.1061-68	<input checked="" type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10590492
Filing Date	2006-08-24
First Named Inventor	Takahide KOHRO
Art Unit	1614
Examiner Name	Not yet assigned
Attorney Docket Number	032217A

4	Cheryl J. Hemingway et al., "Gemfibrozil activation of AMP-activated protein kinase", Biochemical Society Transactions , vol 25 (1997) p. S676	<input checked="" type="checkbox"/>
5	M. Srinam et al., "Structural Consequences of a Carcinogenic Alkylation Lesion on DNA: Effect of O6 -Ethylguanine on the Molecular Structure of the d(CGC[ε6G]AATTCGCG)-Netspsin Complex", Biochemistry, vol.31 (1992) p11823-34	<input checked="" type="checkbox"/>
6	Panos Kouklis et al., "Cdc42 Regulates the Restoration of Endothelial Barrier Function", Circulation Research, February 6, 2004 p159-66	<input checked="" type="checkbox"/>
7	Shigeru Morikawa et al., "The Effect of Statins on mRNA Levels of Genes Related to Inflammation, Coagulation, and Vascular Constriction in HUVEC", Journal of Atherosclerosis and Thrombosis, vol.9, no.4 (2002) p.178-83	<input checked="" type="checkbox"/>
8	Shigeru Morikawa et al., "Global Analysis of RNA Expression Profile in Human Vasoular Cells Treated with Statins", Journal of Atherosclerosis and Thrombosis, vol.11, no.2 (2004) p.62-72	<input checked="" type="checkbox"/>
9	Huiyan Zeng et al., "Fli-1-mediated Down-regulation of Endothelial Cell Proliferation through Pertussis Toxin-sensitive G Proteins, βγ Subunits, Small GTPase CDC42, and Partly by Rac-1", THE JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 277, no.6 (2002) p.4003-9	<input checked="" type="checkbox"/>
10	Yuki Miyamoto et al., "Src Kinase Regulates the Activation of a Novel FGD-1-related Cdc42 Guanine Nucleotide Exchange Factor in the Signaling Pathway from the Endothelin A Receptor to JNK", THE JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 278, no. 32 (2003) p.29890-900	<input checked="" type="checkbox"/>
11	M.J. Lydon et al., "Vital DNA Staining and Cell Sorting by Flow Microfluorometry", JOURNAL OF CELLULAR PHYSIOLOGY, vol.102 (1980) p.175-81	<input checked="" type="checkbox"/>
12	Beata Wójcik-Stothard et al., "Rho and Rac but not Cdc42 regulate endothelial cell permeability", Journal of Cell Science, vol. 114 (2001) p.1343-55	<input checked="" type="checkbox"/>
13	Michael D. Greenspan et al., "Inhibition of hydroxymethylglutaryl-coenzyme A synthase by L-659,699", Proc. Natl. Acad. Sci. USA, vol 84 (1987) p.7488-92	<input checked="" type="checkbox"/>
14	Yoshimi Takai et al., "Small GTP-Binding Proteins", PHYSIOLOGICAL REVIEWS, vol.81, no. 1 (2001) p.153-208	<input checked="" type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10590492
Filing Date	2006-06-24
First Named Inventor	Takahide KOHRO
Art Unit	1614
Examiner Name	Not yet assigned
Attorney Docket Number	032217A

15	Yoshinari Tanaka et al., "GTP-Binding Proteins", Experimental Medical Science, vol.21, no. 2 (2003) p.19-26	<input type="checkbox"/>
16	English translation of International Preliminary Report on Patentability for PCT/JP2005/003006 mailed on September 28, 2006	<input checked="" type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10590492
Filing Date	2006-08-24
First Named Inventor	Takahide KOHRO
Art Unit	1614
Examiner Name	Not yet assigned
Attorney Docket Number	032217A

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

- ☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

- ☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

- ☐ See attached certification statement.
- ☐ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.
- ☐ None

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Sadao Kinashi/	Date (YYYY-MM-DD)	2006-11-30
Name/Print	Sadao Kinashi	Registration Number	48,075

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.